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Roll No.

PGDCS-01/MIT(CS)-101/CEGCS-01

Fundamental of Information Security

P. G.Diploma/M.Sc. Cyber Security
(PGDCS-17/MSCCS/CEGCS)

1st Semester, Examination June 2022

Time : 2 Hours

Max. Marks:80

Note : This paper is of eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

Section-A

(Long Answer-type questions)

Note: Section 'A' contains Five (05) long-answer-type questions of Twenty (20) marks each. Learners are required to answer any two (02) questions only.

(2 x 20=40)

Q.1 What is ISP? What are the role of ISP? Describe National and International ISP's?.

Q.2 What are the different stages of e-governance? Discuss in details the six key questions that can be asked of any government agency in order to assess how strategically prepared they are for e-governance.

P.T.O.

- Q.3 What is a cyber crime? What is a malware? What are different types of malwares?
- Q.4 What is e-commerce? Discuss the concerns that must be addressed before starting an e-commerce company.
- Q.5 (a) What are the different types of ecommerce authentication?
(b) What is the difference between identification, authentication and authorization?

Section-B

(Short Answer-type questions)

Note: Section 'B' contains Eight (08) short-answer-type questions of Ten (10) marks each. Learners are required to answer any four (04) questions only.

(4 x 10=40)

- Q.1 What is B2B, B2C and B2G with conten to E-commerce?
- Q.2 What is URL? What is the difference between Internet and www?
- Q.3 What is e-governance? What are the goals of e-governance? What are the benefits of e-governance?

P.T.O.

- Q.4 What is Virus? How does it harm a computer? What is the difference between a worm and a virus?
- Q.5 Define digital signature and certifying authority. Explain the working of a digital signature.
- Q.6 What is the punishment for cyber crimes?
- Q.7 What are the different types of biometric authentication?
- Q.8 What is hacking? How it is different from cracking?
